ABSTRACT OF THE DISCLOSURE

An aircraft-mounted camera system includes a camera and a housing that conforms to the topography of an aircraft. A camera is attached to a small window that includes a conductive-film heating element. The camera and window are seated within the housing receptacle, and held in place by an epoxy filler that also serves to insulate the camera from vibration. The camera system is attached to the outer body of the aircraft using a backing plate. The aircraft-mounted camera system may be easily manufactured at low cost, and can serve several functions, including pilot aircraft observation and passenger entertainment when connected to an in-cabin display.